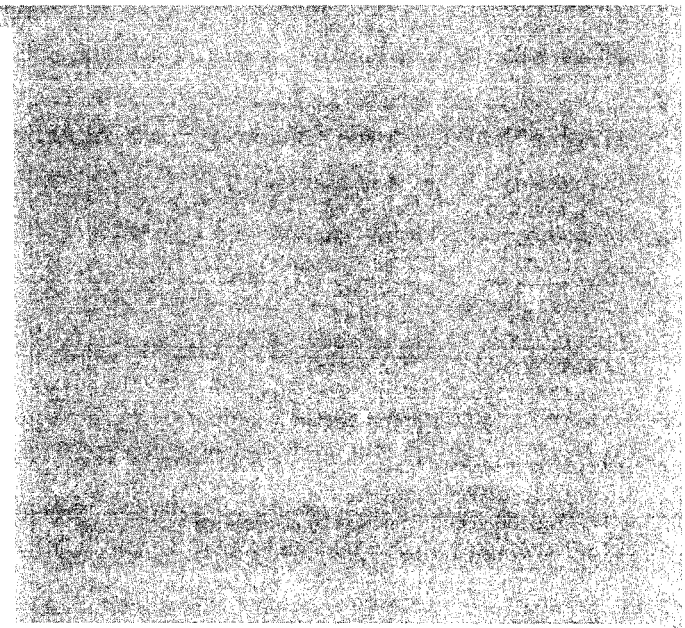
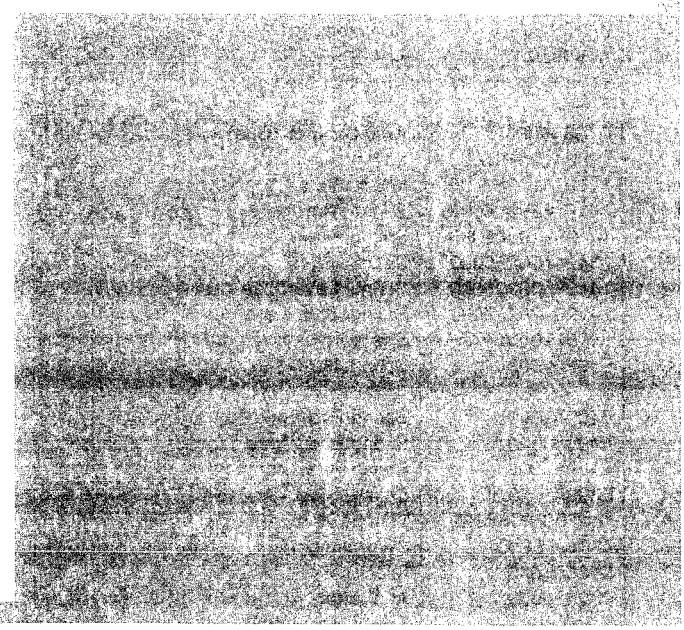
SERVICE MANUAL

—— MODEL ——

ST 730, ST 750



PARTS LIST
POWER SUPPLY P.C.BOARD
EXPLODED VIEW
DIAGRAMS



C.E.C.

ST 730

PARTS LIST

Ref. No.	Part No.	Description	Q'ty
1	D10109010	Cabinet	1
2	D21165000	Panel Front (EUR)	1
2	D21165030	Panel Front (AUS)	1
3	D32321000	Knob, Speed/Play/Cut/Cue	4
4	D32322000	Kob, Size	1
5	D48498000	Knob, Pitch	1
6	D48883070	Knob, IFC	1
7	D49973000	Case	1
8	H50026000	Sheet	1
9	D32292000	Hinge, Knob	3
10	A49900000	Plate	1
11	A49899000	Plate, Slide Knob	1
12	A48856000	Plate, Cue	1
13	A49901000	Plate, IFC	1
14	A10114000	Plate Bottom	1
15	C50058020	Leg Assy	2
16	C50058010	Leg Assy	2
17	D21152020	Dust Cover	1
18	K47869020	Hinge Assy	2
19	13122904134010	Pad, Dust Cover	2
20	13424110115000	Gear Cycling	1
21	13424122121000	Trip	1
22	13424122127000	Trip	1
23	14128559063000	Spring, Cam Drive Assy	1
24	13406028110000	Cam Drive Assy	1
25	C49936000	Plate Assy	1
26	E49252000	Spring	1
27	D49673000	Lever Assy	1
28	D49746000	Seesaw Arm Assy	1
29	D49724000	Bearing	1
30	14127519765000	Shaft	1
31	14124459398000	Rubber Friction	1
32	13425101337010	Spring	1
33	A49669000	Plate	1
34	D49521000	Plate PU Fix	1
35	E49540000	Spring	1
36	D49666000	Plate SW	1
37	D49683010	Arm, Return	1
38	A49664000	Arm, Lead in	1
39	A49898000	Arm	1
40	14127439366000	Arm, IFC Knob	1
41	D48855000	Arm, Cabinet (Cue)	1
42	13424120196000	Lever	1
43	14127419987000	Lever, Start	1
44	14127439497000	Trigger Arm	1
45	14128519600000	Spring, Plate	1
46	13424106270000	Shaft	1
47	14128529295000	Spring, Lever Size Assy	1
48	14128529297000	Spring, Start Lever	1
49	E49979000	Spring	1
50	E49902000	Spring, IFC	1
51	E49949000	Spring Rod, Stop	1
52	E49950000	Spring Rod, Cueing	1
53	E49951000	Spring Rod, Start	1
54	E49952000	Spring, Stop	1
55	14128559140000	Spring, Start	1
56	42319762000	SW Push 0	1
57	D48866000	Spacer	1
58	D49884000	Arm Lifter	1
59	E49868000	Spring, Arm Lifter	1
60	D49909000	Cushion, Arm Lifter	1
61	D20451030	Turntable	1

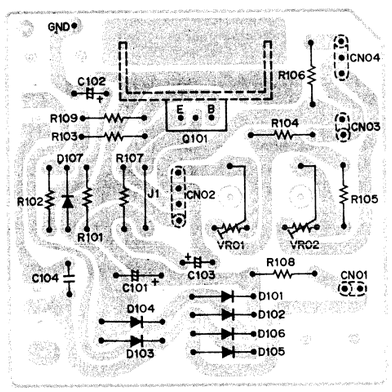
Ref. No.	Part No.	Description	Q'ty
62	C31923500	Pickup Assy	1
62-1	F32305010	Cartridge	1
62-2	F49944010	Stylus	1
62-3	D49239000	Retainer Needle	1
62-4	C50038000	Weight Assy	1
63	13124203202000	Toothed Washer	1
64	C48506000	Arm Rest Assy	1
65	F32259000	Wire Shield Assy	1
66	⚠ 42432000710	Power Cord (EUR)	1
66	⚠ F47710010	Power Cord (AUS)	1
67	⚠ F49929400	Power Trans (EUR)	1
67	⚠ F49929410	Power Trans (AUS)	1
68	C49640000	Motor Assy	1
69	13123608168000	Cramp Wire, Power Cord	1
70	D32141000	Turntable Sheet	1
71	D49759000	45 Adaptor	1
SW01	F49716010	Leaf SW	1
SW02	42319785600	Leaf SW	1
72	C32327100	PC Assy, Control	1
72-1	F32328100	PCB	1
72-2	F49658010	Connector 1P Assy	1
72-3	F49999000	Lug Ground	1
CN02	F49480300	Jumper 4P	1
C101	CE1E471MDFANN	Elect 470μ M 25V	1
C102	CE1E470MDFANN	Elect 47μ M 25V	1
C103	CE1C330MDFANN	Elect 33μ M 16V	1
C104	CK1H103ZAFFNN	Ceram 0.01μ Z 50V	1
D101	F49572000	DI MPG06B-G3	1
D102	F49572000	DI MPG06B-G3	1
D103	F49572000	DI MPG06B-G3	1
D104	F49572000	DI MPG06B-G3	1
D105	F49572000	DI MPG06B-G3	1
D106	F49572000	DI MPG06B-G3	1
D107	DZGZA12X----N	ZD GZA-12X-BT	1
Q101	T2SD330-E---N	TR 2SD330-E	1
or	T2SD330-F---N	TR 2SD330-F	1
R101	RDB4700JPBANA	Carbon 470 JA 1/4W	1
R102	RDB4700JPBANA	Carbon 470 JA 1/4W	1
R103	RDB1501JPBANA	Carbon 1.5K JA 1/4W	1
R104	RDB1202JPBANA	Carbon 12K JA 1/4W	1
R105	RDB2002JPBANA	Carbon 20K JA 1/4W	1
R106	RDB5601JPBANA	Carbon 5.6K JA 1/4W	1
R107	RDB1001JPBANA	Carbon 1K JA 1/4W	1
R108	RDB1501JPBANA	Carbon 1.5K JA 1/4W	1
R109	RDB1000JPBANA	Carbon 100 JA 1/4W	1
VR01	42222010000	Semi Fixed 5KB	1
VR02	42222021200	Semi Fixed 30KB	1
J1	30031000220000	TNW 0.6	1
73	C32327200	PC Assy, Speed Control	1
73-1	F32328200	PCB	1
73-2	7533000160KOKO	TWS UL1007 AWG24 BK	1
CN03	13129800010250	Jumper 2P	1
VR301	F50064000	VR 2KB	1

Ref. No.	Part No.	Description	Q'ty
74	C32327300	PC Assy, LED	1
74-1	F32328300	PCB	1
CN01	13129800010250	Jumper 2P	1
D201	DLSLH-38VC--N	LED SLH-38VC	1
D202	DLSLH-38VC--N	LED SLH-38VC	1
75	C32327400	PC Assy, Speed SW	1
75-1	F32328400	PCB	1
CN04	13129800010290	Jumper 3P	1
S401	F31706000	Push SW	1
76	C49928100	PC Assy, Power	1
76-1	F49877000	PCB	1
76-2	F49480120	Jumper 2P	1
77	13426302116010	Belt	1
78	C48614000	Turntable Shaft Assy	1
79	13425205120000	Cushion, PU Lead~Cabinet	1
80	F49480130	Jumper 2P	1
81	73630902600505	TWS UL1536 AWG28	2
82	13123608141000	Cramp Wire	2
83	13425202118000	Rubber Cushion, Motor	3
84	42262043500	PCB, Phono	1
	H32304010	Carton Box (EUR)	1
	H32304040	Carton Box (AUS)	1
	D21168000	Pad, Front	1
	D21169000	Pad, Rear	1
	H48896040	Pad, Turntable Sheet	1
	13163009194000	Pad, Pickup	1
	14162519163900	Polyethylene-Bag	1
	14162519164900	Polyethylene-Bag	1
	14162519165900	Polyethylene-Bag	2
	14162519229900	Polyethylene-Bag	1
	14162519220900	Poly Cover, Turntable Sheet	1

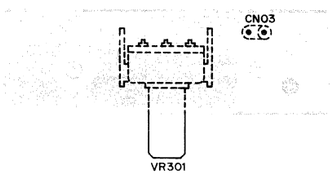
Ref. No.	Part No.	Description	Q'ty
	14163219001000	Patching Sheet, Cabinet	1
	14163219008000	Patching Sheet, Cord	1
	14164559040350	Serial No. Sheet	2
	13162719104010	Bag Fan	1
	K50027000	Name Plate (EUR)	1
	K50027010	Name Plate (AUS)	1
	H48494000	Stylus Position Gauge	1
	H32183830	Owner's Manual (EUR)	1
	H32183890	Owner's Manual (AUS)	1
	H32101010	Warranty Card (AUS only)	1
	H32211000	Card (AUS only)	1
200	13124201195010	SCR BRZ TPG-B, +M3×8	11
201	13124201195020	SCR BRZ TPG-B, +M3×10	3
202	13124201195030	SCR BRZ TPG-B, +M3×12	3
203	13124201252050	SCR SEMS BRZ TPG-B, +M3×10	12
204	13124201282020	SCR SEMS BRZ TPG-B, +M3×10	6
205	13124201283000	SCR SEMS BRZ TPG-B, +M3×10	6
206	R49319000	SCR W/SEMS PAN TPG-2, +M3×12	1
207	13124202283000	SCR BRZ TPG-B, +M3×10	1
208	SFBAN30080SY-	SCR BRZ TPG-B, +M3×8	8
209	SFBDN208R0SM-	SCR BIN TPG-B, +M2×8	1
210	13124203830030	Washer, φ3×10×1	1
211	SWZ321000R5SE	Washer, φ3.2×10×0.5	2
212	SWZ321301R0SE	Washer, φ3.2×13×1	1
213	SWZ458R00R3SE	Washer, φ4.5×8×0.3	1
214	SWK421200R5SE	Washer, φ4.2×12×0.5	1
215	14124569085000	Wave Washer	1
216	SCRET20SE----	Ring E, φ2	1
217	SCRET30SE----	Ring E, φ3	2
218	13124220105020	Ring Snap, φ2.8×8×0.25	3
219	SM2PN30120SE-	SCR PAN TPG-2, +M3×12	1
220	SN2H230SE----	Hexagon Nut, φ3	1
221	13124203197020	Toothed Washer, φ3	1
222	13424201136000	Screw	2
223	SFBAN306R0SE-	SCR BRZ TPG-B, +M3×6 (Plate Heat Sink)	1

POWER SUPPLY P.C.BOARD
(BOTTOM VIEW)

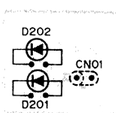
(72-1) Control PCB



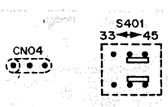
(73-1) Speed Control PCB



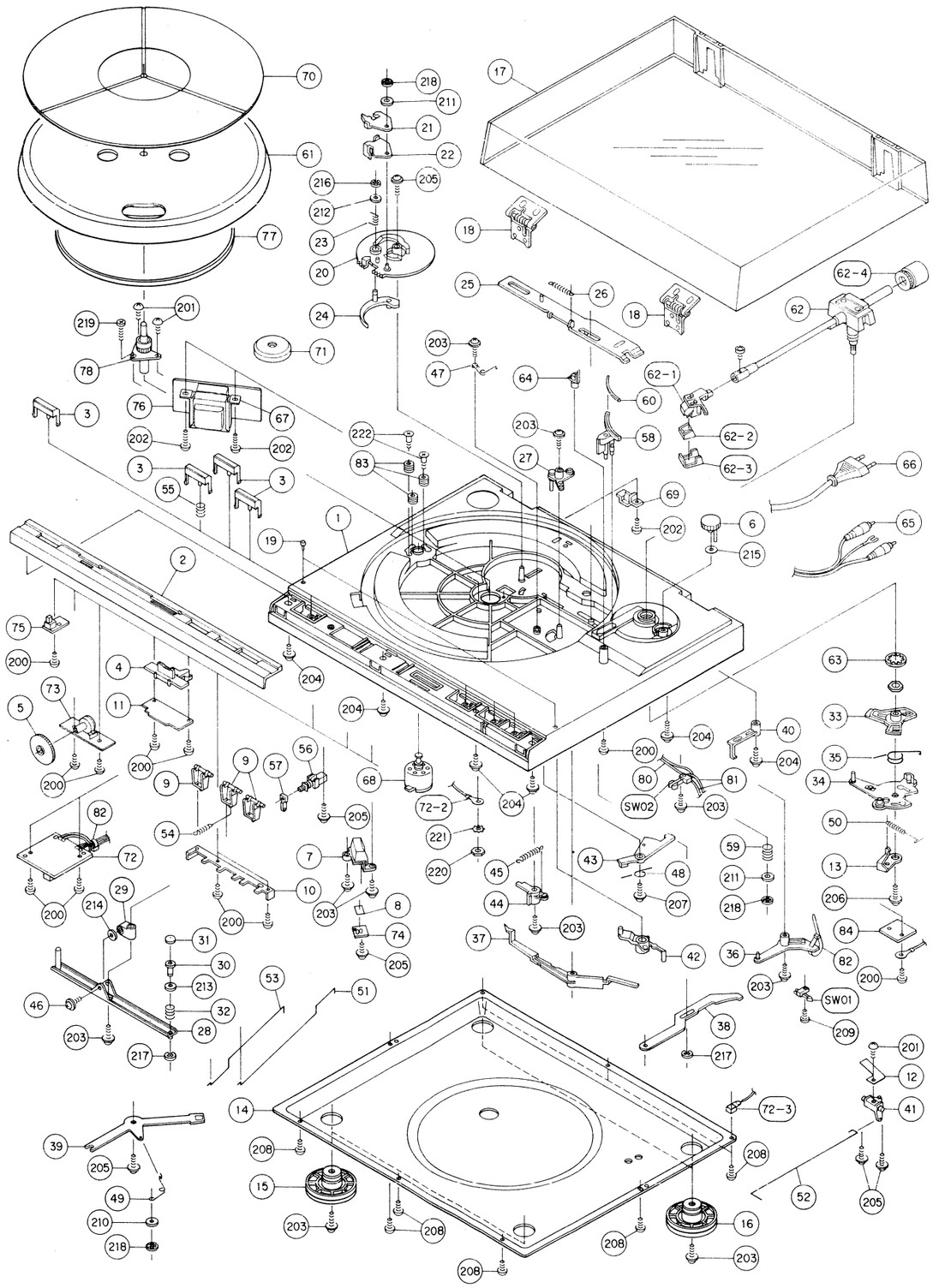
(74-1) LED PCB



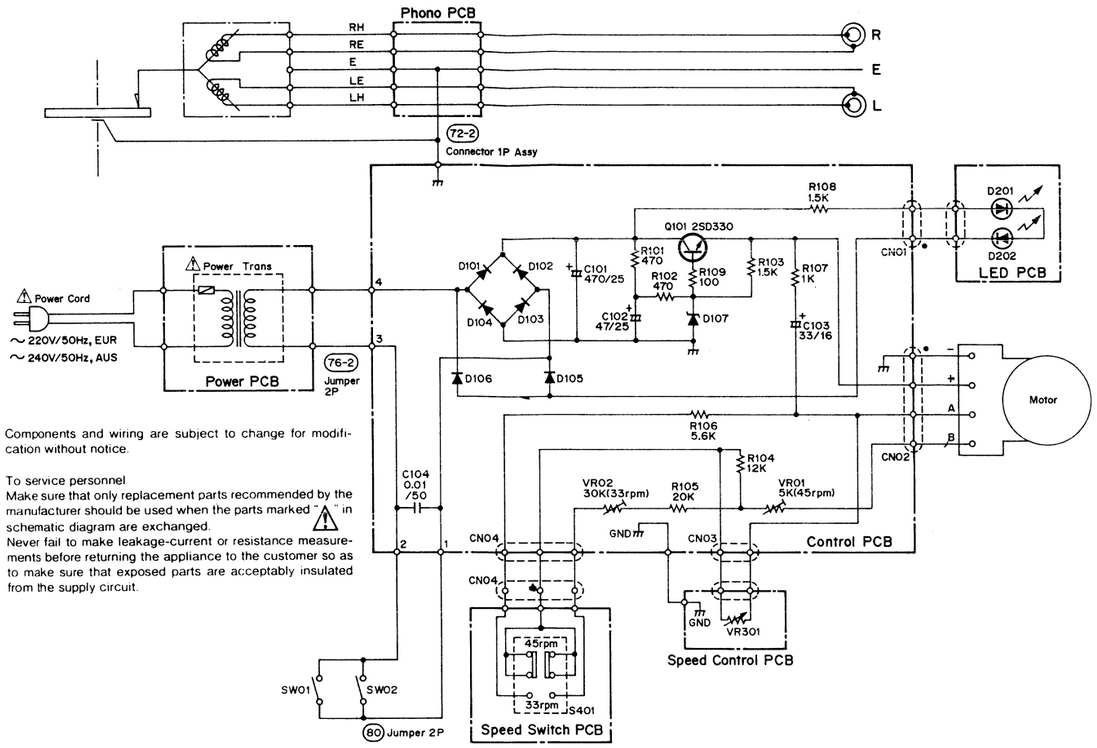
(75-1) Speed Switch PCB



EXPLODED VIEW



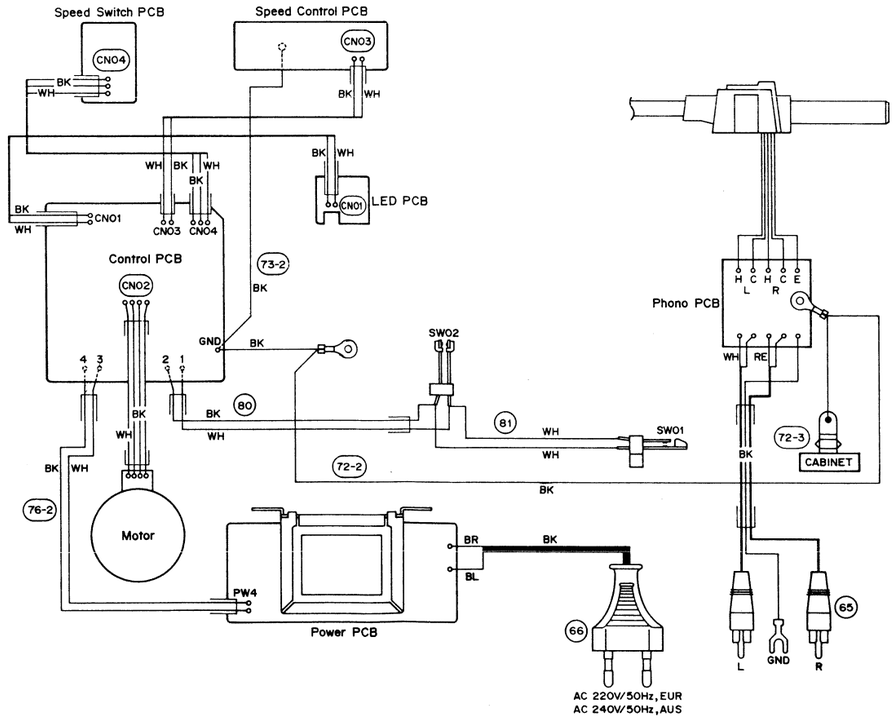
SCHEMATIC DIAGRAM



Components and wiring are subject to change for modification without notice.

To service personnel
Make sure that only replacement parts recommended by the manufacturer should be used when the parts marked "⚠" in schematic diagram are exchanged.
Never fail to make leakage-current or resistance measurements before returning the appliance to the customer so as to make sure that exposed parts are acceptably insulated from the supply circuit.

WIRING DIAGRAM



PARTS LIST

Ref. No.	Part No.	Description	Q'ty
1	D10109020	Cabinet	1
2	D21165010	Panel Front	1
3	D32321000	Knob, Speed/Play/Cut/Cue	4
4	D32322000	Kob, Size	1
6	D48883070	Knob, IFC	1
9	D32292000	Hinge, Knob	3
10	A49900000	Plate	1
11	A49899000	Plate, Slide Knob	1
12	A48856000	Plate, Cue	1
13	A49901000	Plate, IFC	1
14	A10114000	Plate Bottom	1
15	C50058000	Leg Assy	2
16	C50058010	Leg Assy	2
17	D21152020	Dust Cover	1
18	K47869020	Hinge Assy	2
19	13122904134010	Pad, Dust Cover	2
20	13424110115000	Gear Cycling	1
21	13424122121000	Trip	1
22	13424122127000	Trip	1
23	14128559063000	Spring, Cam Drive Assy	1
24	13406028110000	Cam Drive Assy	1
25	C49936000	Plate Assy	1
26	E49252000	Spring	1
27	D49673000	Lever Assy	1
28	D49746000	Seesaw Arm Assy	1
29	D49724000	Bearing	1
30	14127519765000	Shaft	1
31	14124459398000	Rubber Friction	1
32	13425101337010	Spring	1
33	A49669000	Plate	1
34	D49521000	Plate PU Fix	1
35	E49540000	Spring	1
36	D49666000	Plate SW	1
37	D49683010	Arm, Return	1
38	A49664000	Arm, Lead in	1
39	A49898000	Arm	1
40	14127439366000	Arm, IFC Knob	1
41	D48855000	Arm, Cabinet (Cue)	1
42	13424120196000	Lever	1
43	14127419987000	Lever, Start	1
44	14127439497000	Trigger Arm	1
45	14128519600000	Spring, Plate	1
46	13424106270000	Shaft	1
47	14128529295000	Spring, Lever Size Assy	1
48	14128529297000	Spring, Start Lever	1
49	E49979000	Spring	1
50	E49902000	Spring, IFC	1
51	E49949000	Spring Rod, Stop	1
52	E49950000	Spring Rod, Cueing	1
53	E49951000	Spring Rod, Start	1
54	E49952000	Spring, Stop	1
55	14128559140000	Spring, Start	1
56	42319762000	SW Push 0	1
57	D48866000	Spacer	1
58	D49884000	Arm Lifter	1
59	E49868000	Spring, Arm Lifter	1
60	D49909000	Cushion, Arm Lifter	1

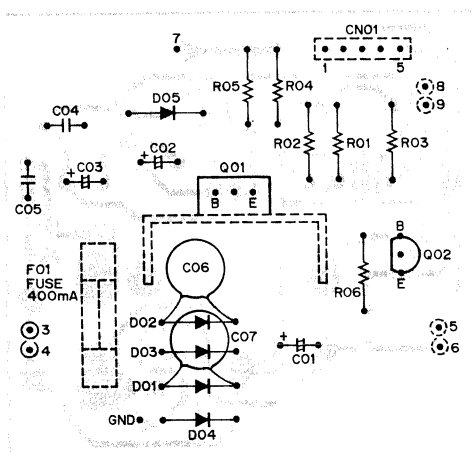
Ref. No.	Part No.	Description	Q'ty
61	D20989000	Turntable	1
62	C31923500	Pickup Assy	1
62-1	F32305010	Cartridge	1
62-2	F49944010	Stylus	1
62-3	D49239000	Retainer Needle	1
62-4	C50038000	Weight Assy	1
63	13124203202000	Toothed Washer	1
64	C48506000	Arm Rest Assy	1
65	F32259000	Wire Shield Assy	1
66	⚠ 42432000710	Power Cord	1
67	⚠ F49931400	Power Trans	1
68	C49940000	Motor Assy	1
69	13123608168000	Cramp Wire, Power Cord	1
70	D32141000	Turntable Sheet	1
71	D49759000	45 Adaptor	1
SW01	F49716010	Leaf SW	1
SW02	43219785600	Leaf SW	1
72	C32300000	PC Assy, Control	1
72-1	F32296000	PCB	1
72-2	F50009020	Connector 1P Assy	1
72-3	F49999000	Lug Ground	1
72-4	F49858000	Fuse Holder	2
or	4235201940	Fuse Holder	2
72-5	753309012 0K004	TWS UL1007 AWG24 WH	1
F01	F49033030	Fuse 400mA	1
CN01	42359771300	Connector 5P Assy	1
C01	CE1V471MDFANN	Elect 470μ M 35V	1
C02	CE1E101MDFALC	Elect 100μ M 25V	1
C03	CE1E101MDFALC	Elect 100μ M 25V	1
C04	CK1H473ZAFFLC	Ceram 0.047μ Z 50V	1
C05	CF1H473KADANN	Poly 0.047μ K 50V	1
C06	CK1H473ZAFFNN	Cream 0.047μ Z 50V	1
C07	CK1H473ZAFFNN	Cream 0.047μ Z 50V	1
D01	F49572000	DI MPG06B-G3	1
D02	F49572000	DI MPG06B-G3	1
D03	F49572000	DI MPG06B-G3	1
D04	F49572000	DI MPG06B-G3	1
D05	DDZA20X-----A	ZD GZA-20X-BT	1
Q01	T2SD330-E---N	TR 2SD330-E	1
or	T2SD330-F---N	TR 2SD330-F	1
Q02	T2SC536-E-NPC	TR 2SC536-E-NP	1
or	T2SC536-F-NPC	TR 2SC536-F-NP	1
R01	RDB4700JPBANA	Carbon 470 JA 1/4W	1
R02	RDB4700JPBANA	Carbon 470 JA 1/4W	1
R03	RDB3301JPBANA	Carbon 3.3K JA 1/4W	1
R04	RDB1002JPBANA	Carbon 10K JA 1/4W	1
R05	RDB1002JPBANA	Carbon 10K JA 1/4W	1
R06	RDB2201JPBANA	Carbon 2.2K JA 1/4W	1

Ref. No.	Part No.	Description	Q'ty
74	C32300200	PC Assy, LED	1
74-1	F32296200	PCB	1
74-2	13129800010250	Jumper 2P	1
D21	DLSLC-26VR3FN	LED SLC-26VR 3F	1
75	C32300100	PC Assy, Speed	1
75-1	F32296100	PCB	1
75-2	13129800010400	Jumper 2P	1
S11	F31706000	Push SW	1
76	C49928100	PC Assy, Power	1
76-1	F49877000	PCB	1
76-2	F49480120	Jumper 2P	1
79	13425205120000	Cushion, PU Lead ~Cabinet	1
80	F49480130	Jumper 2P	1
81	73630902600505	TWS UL1536 AWG28	2
82	13123608141000	Cramp Wire	2
84	42262043500	PCB, Phono	1
	H32304020	Carton Box	1
	D21168000	Pad, Front	1
	D21169000	Pad, Rear	1
	H48896040	Pad, Turntable Sheet	1
	13163009194000	Pad, Pickup	1
	14162519163900	Polyethylene-Bag	1
	14162519164900	Polyethylene-Bag	1
	14162519165900	Polyethylene-Bag	2
	14162519229900	Polyethylene-Bag	1
	14162519220900	Poly Cover, Turntable Sheet	1

Ref. No.	Part No.	Description	Q'ty
	14163219001000	Patching Sheet, Cabinet	1
	14163219008000	Patching Sheet, Cord	1
	14164559040350	Serial No. Sheet	2
	13162719104010	Bag Fan	1
	K50028000	Name Plate	1
	H48494000	Stylus Position Gauge	1
	H32183840	Owner's Manual	1
200	13124201195010	SCR BRZ TPG-B, +M3×8	10
201	13124201195020	SCR BRZ TPG-B, +M3×10	1
202	13124201195030	SCR BRZ TPG-B, +M3×12	3
203	13124201252050	SCR SEMS BRZ TPG-B, +M3×10	13
204	13124201282020	SCR SEMS BRZ TPG-B, +M3×10	6
205	13124201283000	SCR SEMS BRZ TPG-B, +M3×10	6
206	R49319000	SCR W/SEMS PAN TPG-2, +M3×12	1
208	SFBAN30080SY-	SCR BRZ TPG-B, +M3×8	8
209	SFBDN208R0SM-	SCR BIN TPG-B, +M2×8	1
210	13124203830030	Washer, φ3×10×1	1
211	SWZ321000R5SE	Washer, φ3.2×10×0.5	2
212	SWZ321301R0SE	Washer, φ3.2×13×1	1
213	SWZ458R00R3SE	Washer, φ4.5×8×0.3	1
214	SWK421200R5SE	Washer, φ4.2×12×0.5	1
215	14124569085000	Wave Washer	1
216	SCRET20SE----	Ring E, φ2	1
217	SCRET30SE----	Ring E, φ3	2
218	13124220105020	Ring Snap, φ2.8×8×0.25	3
223	SFBAN306R0SE-	SCR BRZ TPG-B, +M3×6 (Plate Heat Sink)	1

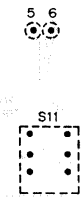
POWER SUPPLY P.C.BOARD
(BOTTOM VIEW)

(72-1) Control PCB



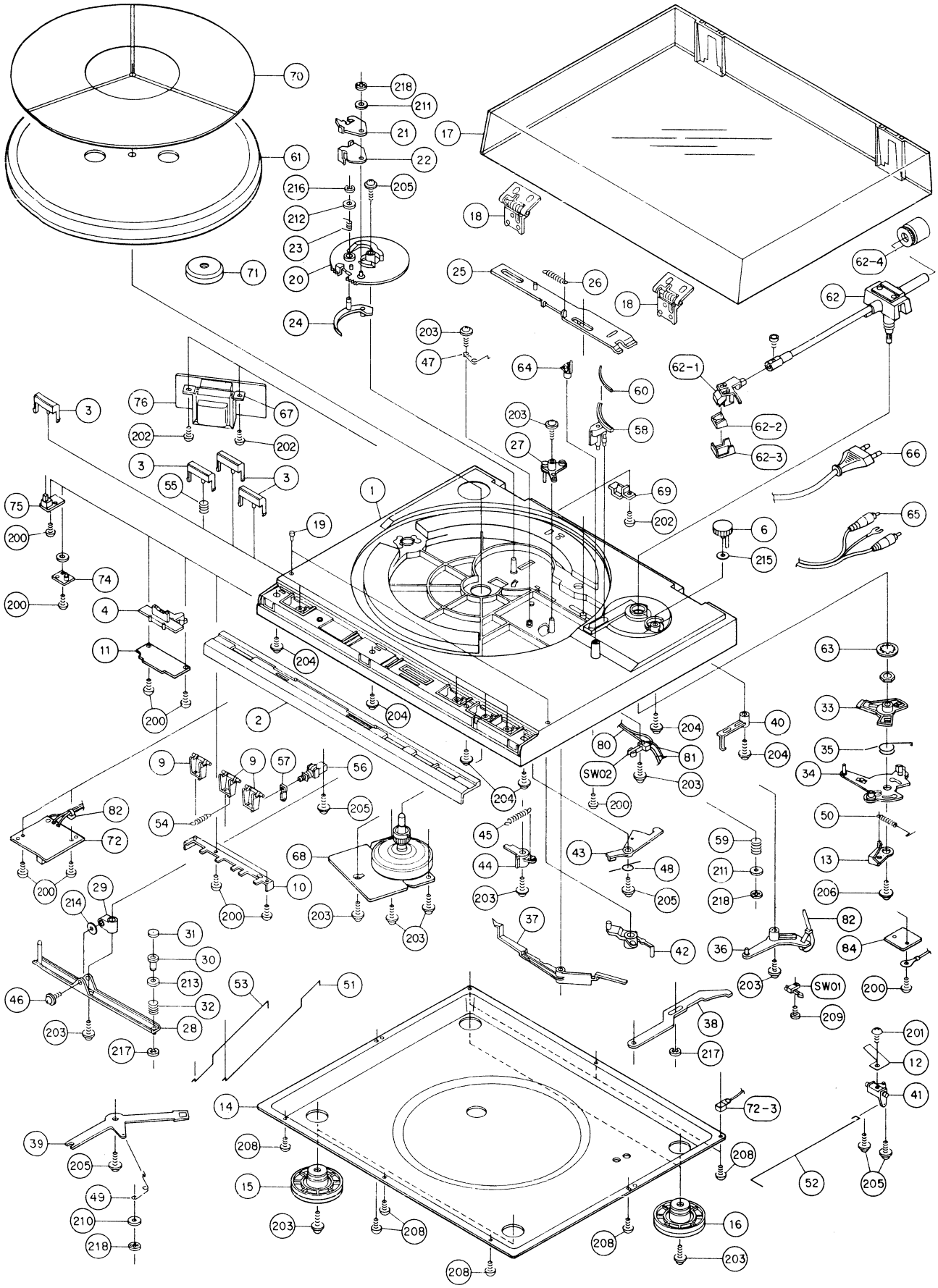
(74-1) LED PCB

(75-1) Speed Switch PCB



ST 750

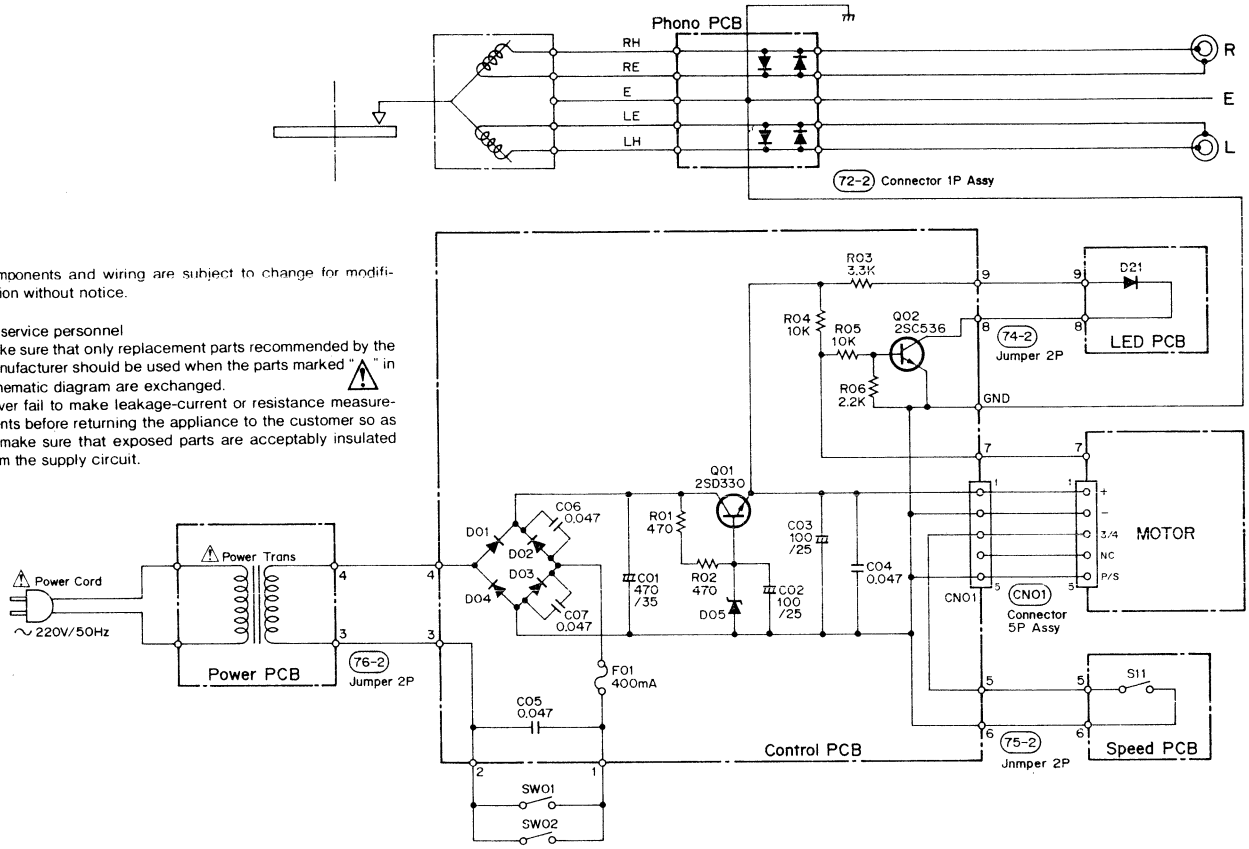
EXPLODED VIEW



SCHEMATIC DIAGRAM

Components and wiring are subject to change for modification without notice.

To service personnel
Make sure that only replacement parts recommended by the manufacturer should be used when the parts marked "⚠" in schematic diagram are exchanged.
Never fail to make leakage-current or resistance measurements before returning the appliance to the customer so as to make sure that exposed parts are acceptably insulated from the supply circuit.



WIRING DIAGRAM